

Comparisons of Job Characteristics

Focus Occupation: Agricultural and Food Science Technicians (19-4011)

Associated Occupation: Farm and Home Management Advisors (25-9021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 55

Focus Occupation: Agricultural and Food Science Technicians (19-4011)

Associated Occupation: Farm and Home Management Advisors (25-9021)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Education and Training	9.2	21.1	7.6	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	16.2	8.6	<<	Extensive education and/or training may be required
Administration and Management	8.4	14.0	6.9	<<	Extensive education and/or training may be required
Food Production	2.1	14.0	9.1	<<	Extensive education and/or training may be required
Biology	3.7	12.0	10.1	<	Expanded education and/or training may be required
Communications and Media	5.3	11.0	4.8	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	10.2	2.1	<<	Extensive education and/or training may be required
Economics and Accounting	4.4	8.6	3.0	<<	Extensive education and/or training may be required
Sales and Marketing	5.2	8.3	2.3	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Agricultural and Food Science Technicians (19-4011)

Associated Occupation: Farm and Home Management Advisors (25-9021)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
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Speaking	10.8	15.9	10.6	<<	Extensive development of skills in this area may be required
Active Listening	11.0	15.3	10.2	<<	Extensive development of skills in this area may be required
Learning Strategies	7.2	14.8	6.4	<<	Extensive development of skills in this area may be required
Active Learning	8.7	14.1	8.7	<<	Extensive development of skills in this area may be required
Judgment and Decision Making	9.4	13.5	8.7	<<	Extensive development of skills in this area may be required
Complex Problem Solving	9.1	13.3	9.3	<<	Extensive development of skills in this area may be required
Social Perceptiveness	9.1	13.3	8.3	<<	Extensive development of skills in this area may be required
Coordination	9.1	13.2	8.7	<<	Extensive development of skills in this area may be required
Instructing	7.8	13.2	7.1	<<	Extensive development of skills in this area may be required
Service Orientation	7.9	12.9	6.1	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	12.8	6.2	<<	Extensive development of skills in this area may be required
Systems Evaluation	6.4	12.6	6.3	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 88			
Focus Occupation: Agricultural and Food Science Technicians (19-4011) Associated Occupation: Farm and Home Management Advisors (25-9021)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	17.0	12.0	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	16.6	11.8	<<	Extensive improvement in abilities may be required
Speech Clarity	10.2	15.4	8.9	<<	Extensive improvement in abilities may be required
Speech Recognition	9.9	14.2	8.6	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	13.8	10.0	<<	Extensive improvement in abilities may be required
Fluency of Ideas	7.6	13.2	6.8	<<	Extensive improvement in abilities may be required
Originality	7.6	12.6	6.4	<<	Extensive improvement in abilities may be required
Number Facility	6.3	10.0	7.4	<<	Extensive improvement in abilities may be required
Memorization	5.6	9.4	5.2	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 69

Focus Occupation: Agricultural and Food Science Technicians (19-4011)
Associated Occupation: Farm and Home Management Advisors (25-9021)

Work Activities	Exclusivity of Activity
Collect statistical data	47
Identify crop characteristics	75
Recognize disease or parasites in animals	72
Recognize plant diseases	72

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 83

Focus Occupation: Agricultural and Food Science Technicians (19-4011)
Associated Occupation: Farm and Home Management Advisors (25-9021)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Data management and query software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.